Ormat Technologies, Inc.

Geothermal Development in Utah

"The Reality of Today, and the Promise of Tomorrow"

Disclaimer

Statements in this presentation as well as oral statements made by the officers or directors of Ormat Technologies, Inc., its advisors, affiliates or subsidiaries often will contain "forward-looking statements." Whenever you read or hear a statement that is not simply a statement of historical fact (such as when we describe what we "believe", "expect" or "anticipate" will occur, and other similar statements), you must remember that our expectations may not be correct, even though we believe they are reasonable. You should read and listen to these statements completely and with the understanding that actual future results may be materially different from what we expect, as a result of certain risks and uncertainties. For a complete discussion of the risks and uncertainties relating to the forward-looking statements in this presentation, please see "Risk Factors" as described in our 2005 Annual Report on Form 10-K, filed with the Securities and Exchange Commission on March 28, 2006 and the Prospectus Supplement filed with the Securities and Exchange Commission on April 5, 2006.

We will not update these forward-looking statements, even though our situation will change in the future.

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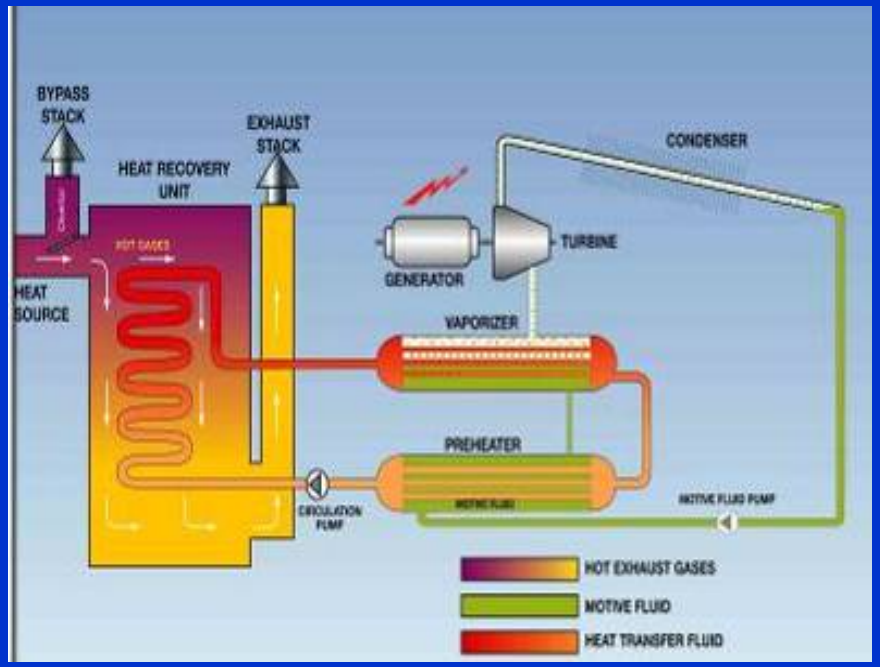
ORMAT at a Glance

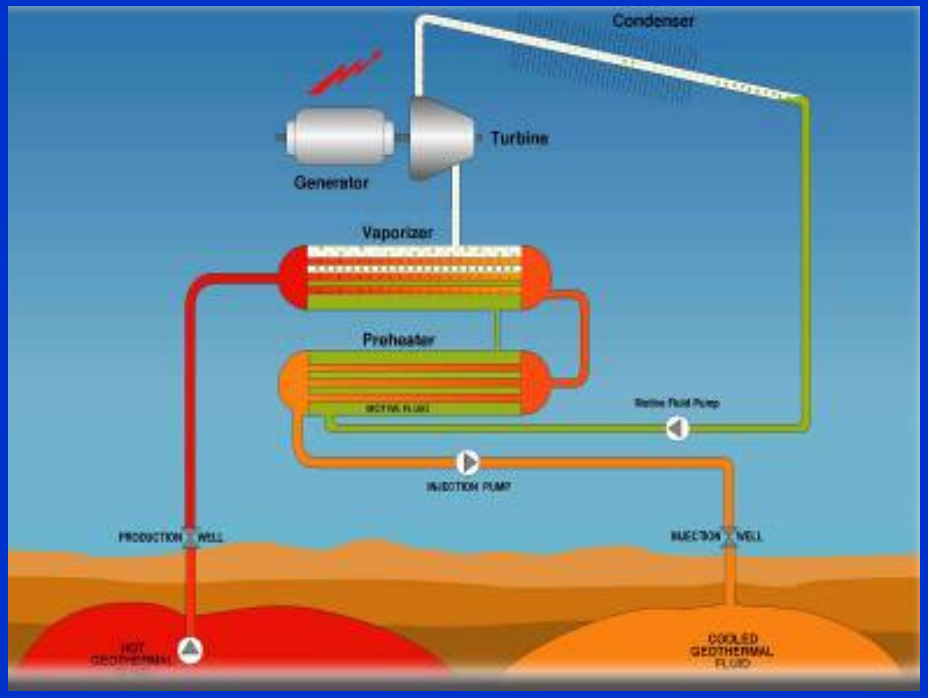
- Vertically integrated alternative energy company
  - With 40 Years of success
  - Ormat Technologies Inc. NYSE (ORA) listed
- Geothermal and recovered energy power projects
  - Approx 350 MW installed in the United States
  - Approx 1,000 MW of installed capacity worldwide
  - In Nevada since 1984
- Flexible business model in the energy industry
  - Develop, design, build, own, operate
  - Turnkey supply
  - Equipment sales
- 2006 sales $289M

Technology

One Technology / Different Applications



Typical REG application



Typical Geothermal application

ORMAT

GREEN ENERGY you can depend on

Ormat ORC Technology World Wide 850 MW of Commercial Geothermal Power Plants

57 MW Ormesa Binary Geothermal Complex, California

30 MW Puna Combined Geothermal Power Plant, Hawaii

125 MW Upper Mahiao Combined Geo- Power Plant, Philippines

40 MW Heber Geothermal No. 2 Binary Power Plant, California,

20 MW Burdette Binary Geothermal Power Plant, Nevada

60 MW Mokai Combined Geothermal Power Plant, New Zealand

Ormat REG Technology World Wide

5.5 MW Kerrobert REG Project, Saskatchewan, Canada 2007

5.5MW Northern Border Pipeline REG Project (OREG1), North Dakota

1.5 MW Heidelberg Cement REG Project, Germany

4.6 MW Neptune REG Project, Louisiana

The Reality of Today

Utah Operations

Utah Operations

- **Utah currently has 1 power plant with the addition of an Ormat “bottoming cycle” and 2 other sites being proposed for development.**

- **37 MW – in Operation**

- **? MW – in Development and Construction**

Utah Totals:

- **37 MW – currently online**

As Compared to Nevada Operations

- Ormat currently operates 9 power plants with 4 under construction & development w/ contracts.
- 100 MW – in Operation
  - 32 MW – RPS qualified
- 70-100 MW – in Development and Construction
  - 80 MW – RPS qualified
- 15 geothermal prospects – some under exploration

Nevada Totals:

– 170 to 200 MW – online by 2010

The Promise of Tomorrow

Utah

ORMAT®

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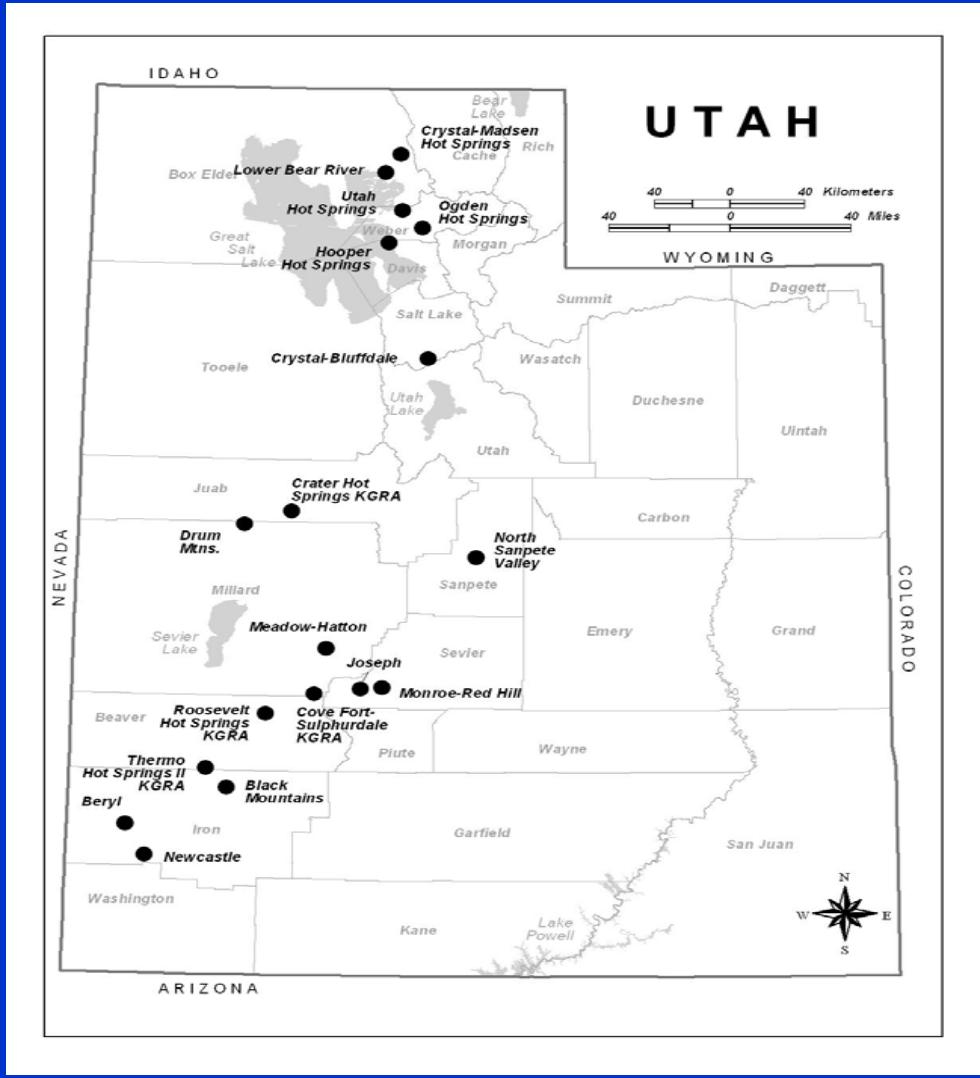
Utah Capacity

- The Western Governors Clean and Diversified Energy Initiative Geothermal Task Force Report states that almost 13,000 megawatts of geothermal energy that can be developed on specific sites within a reasonable timeframe. Of these, 5,600 megawatts are considered by the geothermal industry to be viable for commercial development within the next 10 years, i.e. by about 2015.

- 230 MW have been identified as near-term / near market in Utah.

- 620 MW have been identified as longer-term prospects requiring slightly higher market cost in Utah.

Map of Utah's Most Promising Geothermal Resources (Geothermal energy Association, 2006) Map created by Bob Blackett of Utah Geological Survey (UGS)



ORMAT

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Quick Metrics

- **1 MW of Geothermal Power**

  = 750 homes or 3,000 people

  = $3,500,000 total Investment

  = Offsets 7,500 tons of C02

  = Offsets 2,200 tons of Oil; the equivalent fuel used by 1,000 cars

  = Offsets 3.5 million gallons of water that conventional steam plants use for make up water

Quick Metrics

- **230 MW – online in Utah**

  = 172,500 homes or 690,000 people

  = $805,000,000 total Investment

  = 1.7 million tons of C02

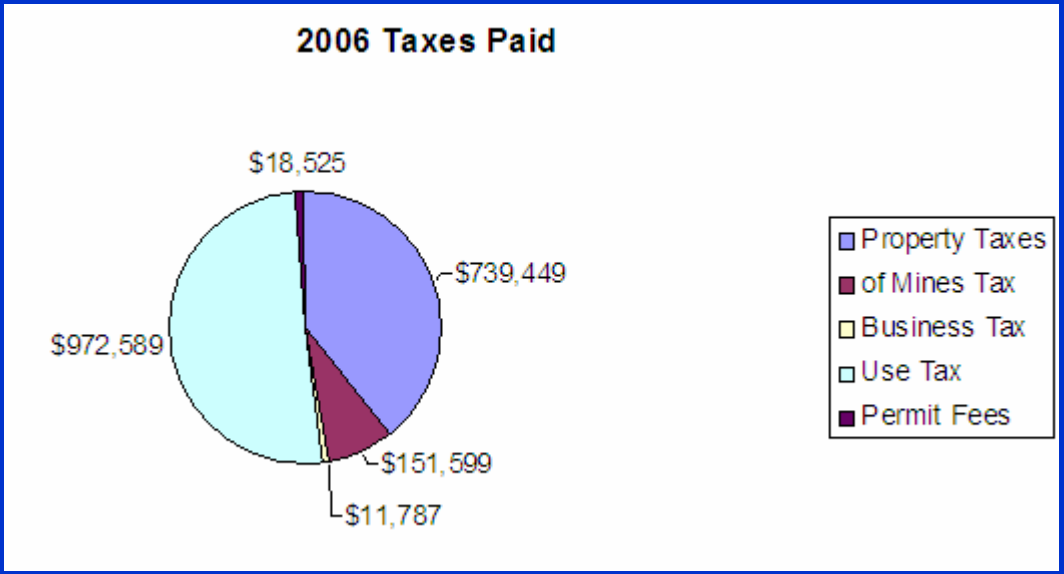
  = 506 thousand tons of oil; the equivalent fuel used by 230,000 cars

  = 910 million gallons of water that conventional steam plants use for make up water

Economic impact

Results from Nevada

- **1 MW = 3.5 Million Capital Expense**
- **Ormat's 100 MW = 350 Million Dollar investment in Nevada**
- **Taxes paid to Nevada = 2 Million dollars/year in 2006**



Economic impact

- **The Geothermal Energy Association in *"A Handbook on the Externalities, Employment, and Economics of Geothermal Energy" state:***

- **Utah's 230 MW potential if developed would represent approx 978 full time jobs or approx 3,680 person*yrs of work representing a 30 year economic output of $3.4 billion[1]**

Federal Policy Drivers

- **PRODUCTION TAX CREDIT (PTC)**
  - The PTC is scheduled to expire on December 31, 2008
  - Ormat encourages extend the PTC for an additional 5 years at its current full value
- **DOE GEOTHERMAL RESEARCH**
  - Support the provision in HR 2304, the Advanced Geothermal Research bill which included critical funds Enhanced Geothermal Systems (EGS), exploration activities, and more.
  - The geothermal research bill is essential to advance the science and technology needed to develop the full potential of the vast, largely untapped 3,000 MW of geothermal resources in Nevada.
- **INVESTMENT TAX CREDIT FOR CHP (ITC)**
  - Support the Recovered Energy Generation provisions included in HR 2001
  - Energy efficiency opportunities are important to Nevada

State & Local Policy Drivers

- State and local policies can be implemented to expedite geothermal development
- State Policies include
  - Utility policies such as system benefit funds; rate flexibility mechanisms
  - Tax credits; tax exemptions; or other financial incentives (Utah)
  - University research programs; state research programs
- Local Policies include
  - Incorporating geothermal development into zoning, land-use planning, energy planning
  - Outreach
  - Education – to train the next generation of professionals
- Building local partnerships; working with landowners
  - Nevada Geothermal Council

State Portfolio Standards

- The RPS has emerged as an effective policy tool because it provides a cost-effective mechanism for renewable energy promotion.
- "These policies now apply to roughly 40% of U.S. electricity load, and may have substantial impacts on electricity markets, ratepayers, and local economies."[1]
- To date twenty one states in the U.S. and the District of Columbia have passed RPS laws, and 14 other states are currently considering RPS legislation.
- The primary goal of most state RPS legislation is to promote and bring online new renewable* energy generation, with the ancillary benefit of emissions reductions and State economic development.

1. DOE. Lawrence Berkeley National Laboratory. Weighing the Costs and Benefits of State Renewable Portfolio Standards: A Comparative Analysis of State-Level Policy Impact Projections. March 2007. p. i. [http://eetd.lbl.gov/ea/ems/reports/61580.pdf]

State Portfolio Standards

- The RPS is therefore perceived to increase returns to the public by providing domestic electricity that reduces importation risk associated with many fossil fuels and results in a cleaner environment.
- The RPS impacts transaction costs associated with renewable technologies.
- State RPS' are very good at accommodating each states' unique renewable resources.
- The House cleared an amendment from Representative Tom Udall (D-N.M.) and Todd Platts (R-Pa.) to create a 15 percent electricity mandate
- Ormat currently operates power plants in three states. California, Hawaii, Nevada…all of which have portfolio standards.

Summary

- Ormat is delivering world class geothermal power plants with no water consumption and no emissions in Utah.
- Utah has the potential to develop hundreds of MWs of geothermal power.
- Ormat wants to help develop that power
- Ormat supports the creation of a mandatory RPS to impact transaction costs and encourage renewable development in your state which is a net exporter of power and In 2006, was the 5th lowest in the United States, almost 3 cents below the average U.S. retail rate
- Ormat is delivering stable, cost-effective, base-load power to Investor owned utilities in the West.
- Ormat is working with the State and Federal Gov't to promote and develop geothermal and Recovered Energy systems.
- Ormat is committed to innovation and successfully Implementing innovative technologies.